

Title (en)
SECONDARY BATTERY

Title (de)
SEKUNDÄRBATTERIE

Title (fr)
BATTERIE SECONDAIRE

Publication
EP 4040524 A1 20220810 (EN)

Application
EP 20870990 A 20200929

Priority
• JP 2019180789 A 20190930
• JP 2020036875 W 20200929

Abstract (en)
A secondary battery includes a negative electrode, a positive electrode, and an electrolytic solution. The negative electrode includes a negative electrode active material layer. The positive electrode includes a positive electrode active material layer. The positive electrode active material layer has a same dimension as a dimension of the negative electrode active material layer in a width direction. The positive electrode active material layer includes a reaction active part in which charging and discharging reactions proceed, and a reaction less-active part in which the charging and discharging reactions proceed less easily than in the reaction active part. The reaction less-active part includes one end part, another end part, or both of the positive electrode active material layer in the width direction.

IPC 8 full level
H01M 4/13 (2010.01); **H01M 10/04** (2006.01); **H01M 10/058** (2010.01)

CPC (source: CN EP US)
H01M 4/13 (2013.01 - CN EP); **H01M 4/131** (2013.01 - EP); **H01M 4/366** (2013.01 - EP); **H01M 4/62** (2013.01 - EP US);
H01M 10/058 (2013.01 - CN US); **H01M 50/572** (2021.01 - CN); **H01M 10/0427** (2013.01 - US); **H01M 2004/021** (2013.01 - US);
H01M 2004/028 (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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JP WO2021065900 A1 20210408; US 2022223872 A1 20220714; WO 2021065900 A1 20210408

DOCDB simple family (application)
EP 20870990 A 20200929; CN 202080067466 A 20200929; JP 2020036875 W 20200929; JP 2021551304 A 20200929;
US 202217708567 A 20220330